

CLAIMS

I claim:

1. An electrical plug retainer for an electrical receptacle having at least one socket, the retainer comprising

- 5 (a) a plate mountable to the receptacle and allowing access to the socket;
 (b) a first lug and a second lug, the first and second lugs being attached to the plate on substantially opposing sides of the socket; and
 (c) a clip mountable on the receptacle via the first and second lugs, the clip comprising:

10 (I) a first arm and a second arm, the first and second arms being on opposed sides of the clip;

 (ii) the first arm comprising a tip, the tip being detachably connectable to the first lug;

 (iii) the second arm comprising a tip, the tip being detachably connectable to the second lug;

 (iv) the second arm further comprising a slot, the slot extending to the tip of the second arm and being capable of receiving an electrical cord; and

 (v) when mounted on the receptacle the clip resisting efforts to pull out an electrical plug plugged into the socket.

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2. The retainer of claim 1, wherein the tip on the first arm comprises a flange which detachably connects to the first lug.

3. The retainer of claim 2, wherein the tip on the second arm comprises a flange which detachably connects to the second lug.

25 4. The retainer of claim 1, wherein the tip on the first arm comprises a flange which detachably connects to the first lug.

5. The retainer of claim 1, wherein the tip of the first arm comprises a rib which detachably connects to the first lug and the tip of the second arm comprises a rib which detachably connects to the second lug.

30 6. The retainer of claim 5, wherein ribs on the first and second arms are curved.

7. The retainer of claim 5, wherein the ribs on the first and second arms are of

a trapezoidal shape.

8. The retainer of claim 5, wherein the first lug comprises a curved portion which detachably connects with the rib of the first arm and the second lug comprises a curved portion which detachably connects with the rib of the second arm.

5 9. The retainer of claim 8, wherein the curved portion of the first lug and the curved portion of the second lug are both in the shape of parabolas, the vertices of which are pointed away from each other.

10 10. The retainer of claim 8, wherein the curved portion of the first lug and the curved portion of the second lug are both in the shape of parabolas, the vertices of which are pointed towards each other.

11. The retainer of claim 5, wherein the first lug comprises an angled portion which detachably connects with the rib of the first arm and the second lug comprises an angled portion which detachably connects with the rib of the second arm.

15 12. The retainer of claim 11, wherein the angled portion of the first lug and the angled portion of the second lug are both in the shape of trapezoids, the tops of which are pointed away from each other.

13. The retainer of claim 11, wherein the curved portion of the first lug and the curved portion of the second lug are both in the shape of parabolas, the tops of which are pointed towards each other.

20 14. The retainer of claim 1, wherein the first and second arms are flexibly connected to the retainer clip such that when moved they tend to move back to their original positions.

15. The retainer of claim 1, wherein the retainer clip is generally U-shaped.

25 16. The retainer of claim 1, wherein the receptacle includes a plurality of sockets, the plate allowing access to the plurality of sockets, and the lugs and slots being adjacent to the plurality of sockets.

17. The retainer of claim 1, wherein the socket comprises two rectangularly shaped inlets and the first and second arms of the clip are parallel to the longer sides of the two rectangularly shaped inlets.

30 18. The retainer of claim 1, wherein the socket comprises two rectangularly shaped inlets and the first and second arms of the clip are perpendicular to the longer

sides of the two rectangularly shaped inlets.